

**CLAIMS**

The current claim set of the application is presented below. Indications as to the status of the claims ("original", "currently amended", "cancelled", "new", etc.) appear in parentheses after the claim number. Deletions are identified in bold with double brackets and strikethrough (e.g. ~~[[deletion]]~~) and new text is identified in bold with underlining (e.g. **new language**).

1 - 29. (Cancelled)

30. (Previously presented) A method for decreasing pancreatic exocrine secretions in a patient, comprising:

applying at least two electrodes to a digestive system of the patient that are coupled by at least one lead to a neurostimulator;

stimulating the digestive system with a stimulation signal generated by the neurostimulator and conveyed through the lead to the electrode contacting the digestive system;

wherein the digestive system stimulation is transmitted to a pancreas of a patient, and wherein pancreatic exocrine secretion is decreased by the digestive system stimulation.

31 - 43. (Cancelled)

44. (Previously presented) The method of claim 30 wherein at least one of the electrodes contacts a stomach;

45. (Previously presented) The method of claim 44, wherein the electrode contacts a stomach pacemaker region.

46. (Previously presented) The method of claim 30 wherein at least one of the electrodes contacts an intestine.

47. (Previously presented) The method of claim 30, wherein the signal has a frequency greater than 6,000 pulses per minute.

48. (Previously presented) The method of claim 30, wherein the stimulation signal has a pulse width in the range from about 0.01 mSec to 500 mSec.

49. (Previously presented) The method of claim 30, wherein the stimulation signal has a peak amplitude in the range from about 0.01 mA to 100.0 mA.

50. (Currently amended) The method of claim 30, further comprising measuring a patient condition and controlling the stimulation signal in response to the measured patient condition.

51. (Currently amended) The method of claim 50 ~~[[52]]~~ wherein measuring the patient condition is accomplished with a sensor electrically connected to a neurostimulator.

52. (Currently amended) The method of claim 50 ~~[[53]]~~ wherein measuring the patient condition is accomplished by a person.

53-66. Canceled